

Date: Tue, 26 Apr 94 04:30:30 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #106  
To: Ham-Space

Ham-Space Digest                      Tue, 26 Apr 94                      Volume 94 : Issue 106

## Today's Topics:

APT-Satellites: Report APRIL 23, 1994  
ARLK016 Keplerian data

Send Replies or notes for publication to: <Ham-Space@UCSD.Edu>  
Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 25 Apr 1994 13:00:26 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!Germany.EU.net!gmd.de!  
NewsWatcher!user@network.ucsd.edu  
Subject: APT-Satellites: Report APRIL 23, 1994  
To: ham-space@ucsd.edu

Observed at station 50.7 NLat, 7.1 ELon, APR 23, 1994

NOAA-9:	APT	137.62	On	
NOAA-10:	APT	137.50	ON	again
NOAA-11:	APT	137.62	On	
NOAA-12:	APT	137.50	On	
Meteor 3-5:	APT	137.85	On	

NOAA-10 is active again after sufficient separation from NOAA-12, VHF-conflict ended.  
To be complete: Meteor 2-21 and Meteor 3-6 are OFF.

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Peter Henne (peter.henne@gmd.de)	
(henne@gmd.de)	

|German Nat.Research Center.f.Comp.Science |  
|D-53754 St.AUGUSTIN, Germany |  
+-----+

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Date: Mon, 25 Apr 1994 08:18:32 -0600  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!  
ve6mgs!usenet@network.ucsd.edu  
Subject: ARLK016 Keplerian data  
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK016  
ARLK016 Keplerian data

ZCZC SK83  
QST de W1AW  
Keplerian Bulletin 16 ARLK016

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Date: (null)  
From: (null)  
SB KEP ARL ARLK016  
ARLK016 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:  
1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ  
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

AO-10  
1 14129U 83058B 94105.57495596 -.00000135 10000-3 0 2749  
2 14129 27.1808 332.1525 6020888 170.5875 209.8109 2.05879133 53523  
RS-10/11

1 18129U 87054A 94108.21130139 0.00000038 24654-4 0 8902  
2 18129 82.9285 13.1768 0010648 184.3188 175.7885 13.72335054341681  
UO-11

1 14781U 84021B 94109.04608251 0.00000187 39526-4 0 6828  
2 14781 97.7897 126.5360 0013014 97.3621 262.9075 14.69192084541623  
RS-12/13

1 21089U 91007A 94108.30764982 0.00000028 14478-4 0 6802  
2 21089 82.9200 55.8515 0027920 277.6170 82.1811 13.74038670160425  
AO-13

1 19216U 88051B 94102.44882608 -.00000591 10000-4 0 9010

2 19216 57.8540 258.2544 7212470 338.9704 2.1469 2.09726746 13130  
 U0-14  
 1 20437U 90005B 94111.75309930 0.00000068 43403-4 0 9825  
 2 20437 98.5907 197.2925 0011543 1.7308 358.3908 14.29838189221525  
 A0-16  
 1 20439U 90005D 94111.18104805 0.00000026 26948-4 0 7825  
 2 20439 98.5996 197.9018 0011731 3.2480 356.8778 14.29891814221456  
 D0-17  
 1 20440U 90005E 94110.72112935 0.00000054 38032-4 0 7816  
 2 20440 98.5998 197.7505 0011875 4.5921 355.5369 14.30031331221401  
 W0-18  
 1 20441U 90005F 94111.74497802 0.00000052 37147-4 0 7835  
 2 20441 98.6000 198.7675 0012534 1.7214 358.4010 14.30006389221559  
 L0-19  
 1 20442U 90005G 94111.72692988 0.00000052 37054-4 0 7811  
 2 20442 98.6010 198.9935 0012845 1.2975 358.8233 14.30101593221561  
 F0-20  
 1 20480U 90013C 94111.84518184 -.00000047 -42213-4 0 6773  
 2 20480 99.0301 274.3363 0541450 107.0911 259.0223 12.83224980196901  
 A0-21  
 1 21087U 91006A 94110.16310556 0.00000093 82657-4 0 4556  
 2 21087 82.9443 185.6439 0033668 245.5203 114.2440 13.74538249161610  
 U0-22  
 1 21575U 91050B 94109.22574452 0.00000073 39328-4 0 4835  
 2 21575 98.4387 184.9054 0008544 102.1158 258.0983 14.36908131144618  
 K0-23  
 1 22077U 92052B 94110.23751688 -.00000037 10000-3 0 3786  
 2 22077 66.0880 41.3145 0012900 301.7999 58.1768 12.86285337 79338  
 K0-25  
 1 22830U 93061H 94110.70406310 0.00000054 39012-4 0 2822  
 2 22830 98.5586 184.9727 0011711 350.4794 9.6158 14.28047654 29493  
 I0-26  
 1 22826U 93061D 94112.22229648 0.00000033 31343-4 0 2795  
 2 22826 98.6575 188.6151 0009827 19.0306 341.1242 14.27722396 29705  
 A0-27  
 1 22825U 93061C 94112.23722954 0.00000045 36103-4 0 2795  
 2 22825 98.6575 188.6003 0009396 17.0892 343.0602 14.27619258 29702  
 P0-28  
 1 22829U 93061G 94111.68914797 0.00000072 46654-4 0 2720  
 2 22829 98.6536 188.1049 0010695 6.7035 353.4287 14.28019657 29630  
 Mir  
 1 16609U 86017A 94111.47472222 0.00005378 74698-4 0 5750  
 2 16609 51.6453 110.4252 0015330 168.4110 196.0636 15.58725689467190

Keplerian bulletins are transmitted twice weekly from W1AW.

The next scheduled transmission of these data will be Tuesday,  
 April 26, 1994, at 2230z on Baudot and AMTOR.

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End of Ham-Space Digest V94 #106  
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